ECS Configuration Change Request

1. Originator Donald C. Brown	2. Log Date: 11/18/98	3. CCR #: 98-1199	4. Rev:	5. Tel: x1073	6. Off: 2070	7. Org. DADS

8. Title of Change: Correction to Installation Instructions for STMGT for Lilac patch (4PX.12)

9. Originator Signature	10. Date: 11/17/98	11. Class II	12. Type: CCR	13. Need Date: 1998-11-18	

14. Office Manager Signature _Rudolf Miller for Mary Armstrong_	15. Date: 11/17/98	16. Date CCB Decision Needed: 1998-11-18	17. Category of Change: Update Baseline	18. Priority: Emergency

19. Documentation/Drawings Impacted: Build Plan for 4PX.12 (the Lilac patch)	20. Schedule Impact: None	21. CI(s) Affected:STMGT

22. Release Affected: 4PX.12, 4PY, 5A	23. Date due to Customer:N/A	24. Impl. Date: 1998-11-18	25. Effectivity of Change: 4PX.12 (Lilac)	26. Est. Cost Small

27. Source Reference: ☒NCR (attach) ☐Action Item ☐ GSFC CCR ☐Tech Ref. ☐Other:
ECSed16348 (and, to a lesser extent, ECSed18080)

28. Description of Change: (use additional Sheets if necessary)
The EcDsSt8MMServer and EcDsStD3Server processes must execute as root in order for certain device operations to succeed. Previously, this was done by using the sudo utility. In order to meet the DAAC requirement that we not use sudo, the servers have been modified to execute with the setuid bit. The servers are still started as if they were run by root, but now set their effective uid to a non-root account for all execution except device operations. This necessitates a procedural change for installation which was not included in the patch instructions.

29. Proposed Solution: (use additional sheets if necessary)
1. Modify the patch installation instructions to include the omitted steps (see attachment)
2. Issue an emergency installation errata page to those sites which have already received the Lilac patch to ensure that the omitted steps are executed
3. Direct RTSC to perform the required installation instructions for all subsequent installations in the VATC, Mini-DAAC, and EDF from baselines at or beyond 4PX.12, 4PY, and 5A.

30. Alternate Solution: (use additional sheets if necessary)
The servers must continue to be run using sudo.

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)
NCRs ECSed16348 and ECSed18080 will persist and remain unresolved. The former NCR compromises DAAC security policies, and the latter NCR may jeopardize ETE testing.

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☐Support ☐Test
☐Baseline (XRP) ☐Y2K Compliance

33. Organization(s) Affected: ☐CM ☐Clearcase SG ☒Contracts ☐Chief Eng ☐FOS ☐M&O
☐QO ☐Rel Dev ☐Procurement ☒RTSC ☒Sci. Data Eng ☐Security
☐Sys. Dev. ☐Sys. Eng. ☐Sys Verf Acpt ☐Other

34. Site(s) Affected: ☒EDF ☒Mini-DAAC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☒AK ☒JPL
☒EOC ☐Other

35. Board Comments:

36. Work Assigned To:

37. Release Authorized (For CM Use Only): ☐Yes ☐No

38. CM Verified/Signature and Date

39. EDF/REL2 CCB Chair (Sign/Date): _Mac McDonald 11/18/98_

40. Disposition: ☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS

41. ESDIS ERB Concurrence:

42. ECS CCB Chair (Sign/Date):

43. Disposition: App ☐ A/C ☐ DisApproved☐ Withdraw☐

44. CCR Closed Date:

ECS/EDF/REL2 CCB

CM01 August 27, 1998

ORIGINAL